Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Lower Dibang Valley

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Roing)	Generally clear/dry weather forecasted. Max Temp=15°C and Min
	Temp=5°C, RH=14-52%, Wind Speed=6-7 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

• ICAR B	Basar recommen	d poultry variet	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Wed 1D	D:- ' /TT		FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	.
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
Cit	Г '.'		ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom	Vegetative		Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching		Cover bunches with banana bunch covers or sacks or locally available materials to protect cold/frost.

		A	GROFORESTRY			
Bamboo	Growing		Avoid cutting			
			Edible shoots can be harvested			
Toko Palm and	Growing		Avoid injury			
other MPTs			Weeding, cleaning recommended			
			Honey Bees			
			Good season for trapping/catching of local honey bee			
			colonies as this is the peak swarming season.			
			 Harvesting could be done or highly populated colonies 			
			should be divided.			
	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Pigs	All stages		Deworming and vaccination as per recommended schedule.			
			• Provide adequate bedding material (paddy straw, rice husk)			
			to newly born piglets.			
Poultry	All stages		• Provide proper bedding materials (Straw, rice husk etc)			
			Deworming at regular interval			
			• Provide warmth@ 2 watt/chick			
			Close ventilation and openings in houses			
Fishery			• Application of quick lime is highly recommended in order to			
			rectify water pH.			
			• Application of fish feed (mustard oil cake) is essential for			
			achieving higher yield			
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or			
			pyrantel.			
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247					

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Lower Subansiri

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Ziro)	Generally clear/dry weather forecasted. Max Temp=10°C and
	Min Temp=1°C, RH=17-60%, Wind Speed=4-8 kmph, Wind direction: WSW
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			FIELD	CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	•	Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		•	Soil moisture conservation techniques like mulching with
				crop residue and provide life saving irrigation to the crops recommended.
			•	Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	•	Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the
			•	crops recommended. Foliar spray of urea@2% for moisture stress
			•	Provide irrigation to plants
			•	Complete sowing by 1 st fortnight of Nov. for better yield
			•	Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing
Black Gram	Vegetative	Powdery	•	Spray Sulfex@2gm/lit water Life saving irrigation and mulching recommended
& Green	, 050,000,000	mildew	•	Foliar spray of urea@2% for moisture stress
Gram			•	Spray Sulfex@2gm/lit water
Mustard/rapes	Seedling stage	White Rust	•	Soil moisture conservation techniques like mulching with
eed		Alternaria blight		crop residue and provide life saving irrigation to the
		Aphids		crops recommended. Spray Blitox@0.25% at 10-15 days interval
			•	Spray Indofilm-45@2.5g/l as preventive measure against
				alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
				mustard.
Winter	Coodling/	Cut worm/ leaf	ı	FABLES
vegetables/ rabi	Seedling/ vegetative	eating insects	•	Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm.
12 SP 3			•	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif	Vegetative	Nutritional	•	Spray micronutrients like Multiplex@0.2%
lower		Deficiency	•	Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit
				water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
			ICULT	URAL CROPS
Citrus	Fruiting	Trunk borer,	•	Collect and dispose rotten fruits
		Fruit fly / pre- harvest fruit	•	Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.
		drop/ leaf	•	Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for
		miner		rectification of trunk-borer.
			•	On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.
			•	Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop
			•	Install fruit fly traps Need besed foliar enroy of Cynarmethrin@4g/10ml
B	F		•	Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Banana	Bunching		•	Cover bunches with banana bunch covers or sacks or locally available materials to protect cold/frost.
	l	A	GROFO	ORESTRY
Bamboo	Growing		•	Avoid cutting
Toles D-1	Cmorring		•	Edible shoots can be harvested
Toko Palm and other MPTs	Growing		•	Avoid injury Weeding, cleaning recommended
	1		<u> </u>	

			Honey Bees	
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided. 	
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. 	
Poultry	All stages		 Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses 	
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield 	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
Contact Scient	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Papum Pare

No: 98/2015-16/Tue

Dated: 6th **Dec.**, 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall: 0.0 mm; T.Max: 31.0°C; T.Min: 14°C; RH: 55-77 %	Generally clear/dry weather forecasted. Max Temp=29°C and Min Temp=13°C, RH=22-83%, Wind Speed=4-6 kmph, Wind direction: ESE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

• ICAR B	asar recommen		y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D: : #1		FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the
			crops recommended.Weeding and application of fertilizer as per recommended
			doses is suggested in potato.
Pea Seedling	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress
			 Provide irrigation to plants
			 Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing
Black Gram	Vegetative	Powdery	Spray Sulfex@2gm/lit waterLife saving irrigation and mulching recommended
& Green	vegetative	mildew	Life saving irrigation and mulching recommendedFoliar spray of urea@2% for moisture stress
Gram			 Spray Sulfex@2gm/lit water
Mustard/rapes	Seedling stage	White Rust	Soil moisture conservation techniques like mulching with
eed		Alternaria	crop residue and provide life saving irrigation to the
		blight	crops recommended.
		Aphids	 Spray <u>Blitox@0.25%</u> at 10-15 days interval
			• Spray Indofil <u>m-45@2.5g/l</u> as preventive measure against
			alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
			mustard.
Winter	Seedling/	Cut worm/ leaf	VEGETABLES ■ Life saving irrigation and mulching
vegetables/ rabi crops	vegetative	eating insects	• Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time)
			 against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm,
			Cabbage looper etc
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.
		drop/ leaf miner	• Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.
			 On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest
			 Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps
			 Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom	Vegetative		Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching		 Cover bunches with banana bunch covers or sacks or locally available materials to protect cold/frost.

		A	GROFORESTRY
Bamboo	Growing		Avoid cutting
			Edible shoots can be harvested
Toko Palm and	Growing		Avoid injury
other MPTs			Weeding, cleaning recommended
			Honey Bees
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Deworming and vaccination as per recommended schedule.
			• Provide adequate bedding material (paddy straw, rice husk)
			to newly born piglets.
Poultry	All stages		• Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			• Provide warmth@ 2 watt/chick
			 Close ventilation and openings in houses
Fishery			• Application of quick lime is highly recommended in order to rectify water pH.
			• Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Cattle/Mithun	All stages	FMD	• Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scien	tists (ICAR) or	_	f or KVK staff for measures against adverse conditions or call 3795-226237/226247

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(Period: 6th to 9th December, 2016)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Tawang

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 7.0 mm	Generally clear/dry weather forecasted. Max Temp=15°C and
	Min Temp=4°C, RH=13-55%, Wind Speed=6-10 kmph, Wind direction: SW
Warning:	Nil

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- All spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
	FIELD CROPS				
Wetland Rice	Ripening/Har vesting	Gundhi bug	•	Install local trap of dead frog/fermented fish etc against gundhi bug in rice.	
Potato	vegetative		•	Soil moisture conservation techniques like mulching with	

			crop residue and provide life saving irrigation to the crops recommended.
			Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
		<u>'</u>	VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
		HORT	TICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom	Vegetative		Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost
Peach	Vegetative		Training/Pruning to be followed by cutting away all diseased and criss-cross branches following open centre system to harvest more solar energy. CROSCOPICATION CROSCOP
.		A	GROFORESTRY
Bamboo	Growing		Avoid cuttingEdible shoots can be harvested

Toko Palm and	Growing		Avoid injury
other MPTs			Weeding, cleaning recommended
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.
Poultry	All stages		 Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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(Period: 6th to 9th December, 2016)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Tirap

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Deomali)	Generally clear/dry weather forecasted. Max Temp=24°C and
	Min Temp=10°C, RH=32-100%, Wind Speed=2-4 kmph, Wind
	direction: SE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	• Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the

			crops recommended.
			 Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery	Soil moisture conservation techniques like mulching with
		mildew	crop residue and provide life saving irrigation to the
			crops recommended.
			Foliar spray of urea@2% for moisture stress
			Provide irrigation to plants
			Complete sowing by 1 st fortnight of Nov. for better yield
			• Treat pea with rhizobium@2gm/kg seed before sowing
			or treat with carbendazim @ 2g/kg seed before sowing
			Spray Sulfex@2gm/lit water
Black Gram	Vegetative	Powdery	Life saving irrigation and mulching recommended
& Green		mildew	 Foliar spray of urea@2% for moisture stress
Gram			Spray Sulfex@2gm/lit water
Mustard/rapes	Seedling stage	White Rust	Soil moisture conservation techniques like mulching with
eed		Alternaria	crop residue and provide life saving irrigation to the
		blight	crops recommended.
		Aphids	• Spray <u>Blitox@0.25%</u> at 10-15 days interval
			• Spray Indofilm-45@2.5g/l as preventive measure against
			alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
			mustard.
		1	VEGETABLES
Winter	Seedling/	Cut worm/ leaf	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
vegetables/ rabi	vegetative	eating insects	Drench newly sown vegetable seedling with
crops			Chlorpyriphos 20 EC@2ml/lit water (in evening time)
			against cut-worm.Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf
			eating insects in vegetables
Cabbage/Caulif	Vegetative	Nutritional	Life saving irrigation and mulching recommended
lower	C	Deficiency	• Spray micronutrients like Multiplex@0.2%
			• Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit
			water/ha against Aphids, DBM, Cabbage Worm,
		II.O.D.	Cabbage looper etc
Citrus	Fruiting	Trunk borer,	ICULTURAL CROPS
Ciuus	Truiting	Fruit fly / pre-	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to
		harvest fruit	compensate nutritional deficiency in orange.
		drop/ leaf	 Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for
		miner	rectification of trunk-borer.
			• On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of
			water.
			• Spray NAA@2ml/5lit of water to prevent pre-harvest
			fruit drop
			• Install fruit fly traps
			 Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large	Vegetative		Remove dry, diseased and old tillers and branches and
Cardamom	. 55544110		spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching	Cold	Cover newly emerged bunches with locally available
			sack to protect from cold/frost
Pineapple	Fruiting/harves		Harvest the fruit with an inch of stalk to avoid spoilage
	ting		from microorganism and to incease the shelf life of the
			fruit.
			• The fruit must be harvested with crown (whorl of leaves
			attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.
			 Pineapple is retained for about three crops. The subsequent
			rotation crops are borne by the suckers given out by the

Cattle/Mithun	All stages	FMD	 achieving higher yield Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for
Ed			 Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses
Pigs Poultry	All stages All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. Provide proper bedding materials (Straw, rice husk etc)
Livestock	Stage	Disease	Precautionary Practices to be followed
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided.
			Honey Bees
other MPTs	Glowing		Avoid injuryWeeding, cleaning recommended
Toko Palm and	Growing		Edible shoots can be harvested
Bamboo	Growing	<u> </u>	• Avoid cutting
			original plant. Only two of these suckers should be retained and all others removed. Slips should also be removed. Plants should be fertilised and earthed up so they can have good anchorage for a ratoon crop.

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Siang

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Tuting)	Generally clear/dry weather forecasted. Max Temp=11°C and
	Min Temp=2°C, RH=12-46%, Wind Speed=6-9 kmph, Wind
	direction: S
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/bleaching powder/4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost poly-houses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

• ICAR B	asar recommen	d poultry variet	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	• Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
Citana	Emilia		ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom Kiwi	Vegetative Harvesting		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Should be harvested by snapping their stalks
			• Fruit should be stored boxes containing cushioning

			materials and transported to the market in hard condition.		
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost		
		A	AGROFORESTRY		
Bamboo	Growing		Avoid cutting		
			 Edible shoots can be harvested 		
Toko Palm and	Growing		Avoid injury		
other MPTs			Weeding, cleaning recommended		
			Honey Bees		
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided. 		
	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		Deworming and vaccination as per recommended schedule.		
			Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.		
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)		
			Deworming at regular interval		
			Provide warmth@ 2 watt/chick		
			Close ventilation and openings in houses		
Fishery			Application of quick lime is highly recommended in order to rectify water p.U.		
			rectify water pH.		
			• Application of fish feed (mustard oil cake) is essential for achieving higher yield		
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.		
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

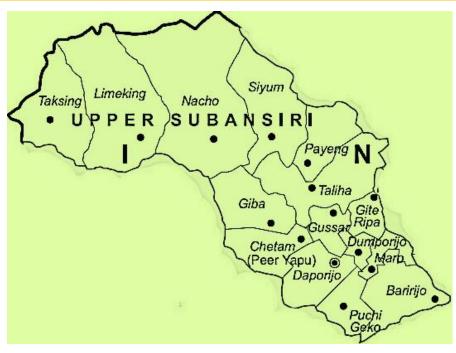


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Puchi Geko); Daporijo:	Generally clear/dry weather forecasted. Max Temp=17°C and
0.0 mm	Min Temp=9°C, RH=17-65%, Wind Speed=4-8 kmph, Wind direction: WNW
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Avoid spray of insecticides during flowering stage as it may hinder pollination by honey bees and other insects.
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	• Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
~.			ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps
Kiwi	Harvesting		Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
	-	Call	 Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost

	AGROFORESTRY				
Bamboo	Growing		Avoid cutting		
			Edible shoots can be harvested		
Toko Palm and	Growing		Avoid injury		
other MPTs			Weeding, cleaning recommended		
			Honey Bees		
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided. 		
	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		Deworming and vaccination as per recommended schedule.		
			• Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.		
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)		
			Deworming at regular interval		
			• Provide warmth@ 2 watt/chick		
			Close ventilation and openings in houses		
Fishery			• Application of quick lime is highly recommended in order to		
			rectify water pH.		
			• Application of fish feed (mustard oil cake) is essential for		
			achieving higher yield		
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or		
			pyrantel.		
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247					

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: -\underbrace{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: West Kameng

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = Bomdila: 0.0 mm NA;	Generally clear/dry weather forecasted. Max Temp=16°C and
	Min Temp=5°C, RH=18-70%, Wind Speed=6-9 kmph, Wind direction: SSW
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source

- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

		Pest/Disease	y VANARAJA for backyard rearing Precautionary Practices to be followed
Crop	Stage	rest/Disease	FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom	Vegetative		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth

Kiwi	Harvesting		 Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost
		A	GROFORESTRY
Bamboo	Growing		Avoid cuttingEdible shoots can be harvested
Toko Palm and other MPTs	Growing		Avoid injuryWeeding, cleaning recommended
			Honey Bees
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided.
	l	'	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.
Pigs Poultry	All stages All stages		 Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick
	J		 Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval
Poultry Fishery Cattle/Mithun	All stages All stages	FMD	 Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: West Siang

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl

Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm. T. Max: 22.8°C, T. Min:	Generally clear/dry weather forecasted. Max Temp=24°C and
8.0 °C, RH: 51-97%, Wind Speed: 3-7	Min Temp=13°C, RH=18-69%, Wind Speed=5-7 kmph, Wind
kmps, Wind Direction: ENE	direction: WNW
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

			y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
1 1 - 1			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
G'.	T. C.	1	TCULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.

Large Cardamom Kiwi	Vegetative Harvesting		 Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner. Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning
Banana	Bunching	Cold	 materials and transported to the market in hard condition. Cover newly emerged bunches with locally available sack to protect from cold/frost
		1	AGROFORESTRY
Bamboo	Growing		Avoid cuttingEdible shoots can be harvested
Toko Palm and other MPTs	Growing		Avoid injuryWeeding, cleaning recommended
			Honey Bees
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.
Poultry	All stages		 Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield
		FMD	Deworming with antihelmintic drugs like oxyclozanide or

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

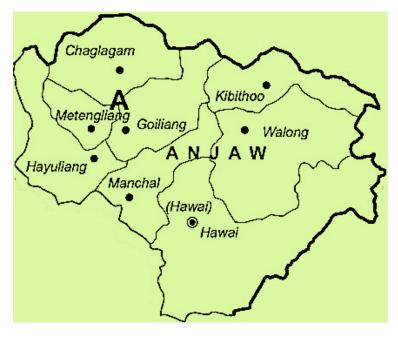


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl

Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = NA	Generally clear/dry weather forecasted. Max Temp=19°C and
	Min Temp=7°C, RH=9-48%, Wind Speed=7-10 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Warning: Spraying of DDT in crops is lethal

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		Weeding and application of fertilizer as per recommended doses is suggested in potato. Output Description:
			 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
~:			ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom Banana	Vegetative Bunching	Cold	 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover newly emerged bunches with locally available sack to protect from cold/frost

Peach	Vegetative		Training/Pruning to be followed by cutting away all diseased and criss-cross branches following open centre system to harvest more solar energy.		
		A	AGROFORESTRY		
Bamboo	Growing		Avoid cuttingEdible shoots can be harvested		
Toko Palm and other MPTs	Growing		Avoid injuryWeeding, cleaning recommended		
			Honey Bees		
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. 		
	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. 		
Poultry	All stages		 Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses 		
Fishery			Check the growth of the fishes by netting.		
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.		
Contact Scien	tists (ICAR) or	_	ff or KVK staff for measures against adverse conditions or call 03795-226237/226247		

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

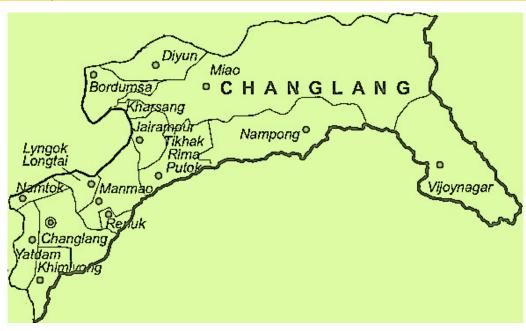


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Changlang

No: 98/2015-16/Tue

Dated: 6th **Dec.**, 2016



Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl

Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = Changlang: 0.0 mm Miao: 0.0	Generally clear/dry weather forecasted. Max Temp=23°C and
mm	Min Temp=9°C, RH=21-62%, Wind Speed= 4-6 kmph, Wind
	direction: E
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Wetland Rice Potato	Ripening/Har vesting vegetative	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice. Soil moisture conservation techniques like mulching with
	, ogemine		 crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml
Large Cardamom Banana	Vegetative Bunching		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover bunches with banana bunch covers or sacks or locally available materials to protect cold/frost. GROFORESTRY

Bamboo			Loosening of soil and application of fertilizers
Toko Palm and other MPTs	Vegetative		Weeding and application of fertilizers
			Honey Bees
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Deworming and vaccination as per recommended schedule.
		_	• Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			Provide warmth@ 2 watt/chick
			Close ventilation and openings in houses
Fishery			• Application of quick lime is highly recommended in order to rectify water pH.
			• Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Dibang Valley

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl

Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Anini)	Generally clear/dry weather forecasted. Max Temp=15°C and Min Temp=5°C, RH=11-66%, Wind Speed=7-8 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for spray operation only on dry/clear weather.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

		D (D)	y VIII.	ARAJA for backyaru rearing			
Crop Stage Pest/Disease Precautionary Practices to be followed FIELD CROPS							
W (1 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 1 2	D' ' /TT						
Wetland Rice	Ripening/Har vesting	Gundhi bug	•	Install local trap of dead frog/fermented fish etc against gundhi bug in rice.			
Potato	vegetative		•	Soil moisture conservation techniques like mulching with			
				crop residue and provide life saving irrigation to the			
				crops recommended.			
			•	Weeding and application of fertilizer as per recommended			
				doses is suggested in potato.			
Pea	Seedling	Powdery	•	Soil moisture conservation techniques like mulching with			
		mildew		crop residue and provide life saving irrigation to the			
				crops recommended.			
			•	Foliar spray of urea@2% for moisture stress			
			•	Provide irrigation to plants			
			•	Complete sowing by 1 st fortnight of Nov. for better yield			
				Treat pea with rhizobium@2gm/kg seed before sowing			
				or treat with carbendazim @ 2g/kg seed before sowing			
DI I C	X 7	D 1	•	Spray Sulfex@2gm/lit water			
Black Gram	Vegetative	Powdery	•	Life saving irrigation and mulching recommended			
& Green		mildew	•	Foliar spray of urea@2% for moisture stress			
Gram			•	Spray Sulfex@2gm/lit water			
Mustard/rapes	Seedling stage	White Rust	•	Soil moisture conservation techniques like mulching with			
eed		Alternaria		crop residue and provide life saving irrigation to the			
		blight		crops recommended.			
		Aphids	•	Spray Blitox@0.25% at 10-15 days interval			
			•	Spray Indofilm-45@2.5g/l as preventive measure against			
				alternaria blight and dimethoate 30 EC@3ml/lit for aphid in			
				mustard.			
	VEGETABLES						
Winter	Seedling/	Cut worm/ leaf		Life saving irrigation and mulching			
vegetables/ rabi	vegetative	eating insects	•	Drench newly sown vegetable seedling with			
crops	\mathcal{C}	C		Chlorpyriphos 20 EC@2ml/lit water (in evening time)			
				against cut-worm.			
			•	Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf			
				eating insects in vegetables			
Cabbage/Caulif	Vegetative	Nutritional	•	Life saving irrigation and mulching recommended			
lower	C	Deficiency	•	Spray micronutrients like Multiplex@0.2%			
			•	Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit			
				water/ha against Aphids, DBM, Cabbage Worm,			
				Cabbage looper etc			
			ICULT	TURAL CROPS			
Citrus	Fruiting	Trunk borer,	•	Collect and dispose rotten fruits			
		Fruit fly / pre-	•	Spray micronutrient like Multiplex@ 0.2% to			
		harvest fruit		compensate nutritional deficiency in orange.			
		drop/ leaf	•	Do drenching with 0.05% Dichlorvos at base of plant for			
		miner		rectification of trunk-borer.			
			•	On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of			
				water.			
			•	Spray NAA@2ml/5lit of water to prevent pre-harvest			

Large Cardamom Banana	Vegetative Bunching	Cold	 fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner. Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover newly emerged bunches with locally available sack to protect from cold/frost 			
AGROFORESTRY						
Bamboo	Growing		Avoid cuttingEdible shoots can be harvested			
Toko Palm and other MPTs	Growing		Avoid injuryWeeding, cleaning recommended			
Honey Bees						
			 Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. Harvesting could be done or highly populated colonies should be divided. 			
T	G()	D'	LIVESTOCKS			
Pigs	Stage All stages	Disease	 Precautionary Practices to be followed Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. 			
Poultry	All stages		 Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses 			
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield 			
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.			
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247						

Dated: 6th Dec., 2016

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

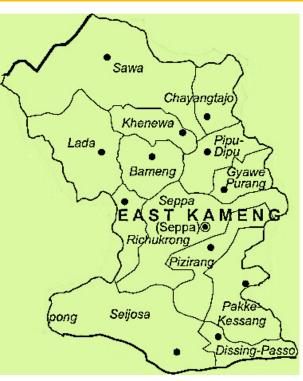
(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: East Kameng

No: 98/2015-16/Tue



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Max Temp=13°C and Min Temp=4°C, RH=17-73%, Wind Speed=5-8 kmph, Wind direction: SE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended doses is suggested in potato.
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
Citana	Emilia a		ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom Banana	Vegetative Bunching		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover bunches with banana bunch covers or sacks or
	_		locally available materials to protect cold/frost.

		A	GROFORESTRY
Bamboo	Growing		Avoid cutting
			Edible shoots can be harvested
Toko Palm and	Growing		Avoid injury
other MPTs			Weeding, cleaning recommended
			Honey Bees
			 Good season for trapping/catching of local honey bee
			colonies as this is the peak swarming season.
			 Harvesting could be done or highly populated colonies
			should be divided.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Deworming and vaccination as per recommended schedule.
			• Provide adequate bedding material (paddy straw, rice husk)
			to newly born piglets.
Poultry	All stages		• Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			• Provide warmth@ 2 watt/chick
			Close ventilation and openings in houses
Fishery			• Application of quick lime is highly recommended in order to
			rectify water pH.
			• Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or
			pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call			
	(=====)	_	3795-226237/226247

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: East Siang

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Pasighat: Latitude: 28.0700/Longitude: 95.3300/Altitude: 153 masl

Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall: 0.0 mm; T. Max: 28.0°C; T.Min:	Generally clear/dry weather forecasted. Max Temp=28°C and
16.0°C; RH: 57-72 %	Min Temp=14°C, RH=17-70%, Wind Speed=5-6 kmph, Wind direction: WNW
Warning:	Nil

Weather Based Agro-meteorological Advisories Bulletin

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	• Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops Cabbage/Caulif	Seedling/ vegetative	Cut worm/ leaf eating insects Nutritional	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables Life saving irrigation and mulching recommended
lower	Vegetative	Deficiency	 Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom Banana	Vegetative Bunching		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover bunches with banana bunch covers or sacks or
Danana	Dunching	A	Cover bunches with banana bunch covers or sacks or locally available materials to protect cold/frost. GROFORESTRY

Bamboo	Growing		Avoid cutting
			Edible shoots can be harvested
Toko Palm and	Growing		Avoid injury
other MPTs			Weeding, cleaning recommended
			Honey Bees
			Good season for trapping/catching of local honey bee
			colonies as this is the peak swarming season.
			 Harvesting could be done or highly populated colonies
			should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Deworming and vaccination as per recommended schedule.
			• Provide adequate bedding material (paddy straw, rice husk)
			to newly born piglets.
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			• Provide warmth@ 2 watt/chick
			Close ventilation and openings in houses
Fishery			• Application of quick lime is highly recommended in order to
			rectify water pH.
			• Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or
	7 III Stages	1 1,112	pyrantel.
Contact Scien	tists (ICAR) or	State Agril Stat	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			
at 05175-22025112202-1			

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: -\underbrace{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Kurung Kumey

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl

Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = NA	Generally clear/dry weather forecasted. Max Temp=16°C and
	Min Temp=8°C, RH=14-55%, Wind Speed=4-10 kmph, Wind
	direction: W
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Spray operations should be done only on dry/clear weather or in extreme case use stickers
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	• Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects Nutritional	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables Life saving irrigation and mulching recommended
lower	Vegetative	Deficiency	 Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom Banana	Vegetative Bunching		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover bunches with banana bunch covers or sacks or
Банапа	Dunching	A	 Cover bunches with banana bunch covers or sacks or locally available materials to protect cold/frost. GROFORESTRY

Bamboo	Growing		Avoid cutting
			Edible shoots can be harvested
Toko Palm and	Growing		Avoid injury
other MPTs			Weeding, cleaning recommended
			Honey Bees
			 Good season for trapping/catching of local honey bee
			colonies as this is the peak swarming season.
			 Harvesting could be done or highly populated colonies should be divided.
			LIVESTOCKS
Livegtoek	Stage	Digongo	
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		• Deworming and vaccination as per recommended schedule.
			• Provide adequate bedding material (paddy straw, rice husk)
			to newly born piglets.
Poultry	All stages		• Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			Provide warmth@ 2 watt/chick
			Close ventilation and openings in houses
Fishery			Application of quick lime is highly recommended in order to
			rectify water pH.
			• Application of fish feed (mustard oil cake) is essential for
			achieving higher yield
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or
			pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: -\underbrace{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 6th to 9th December, 2016)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

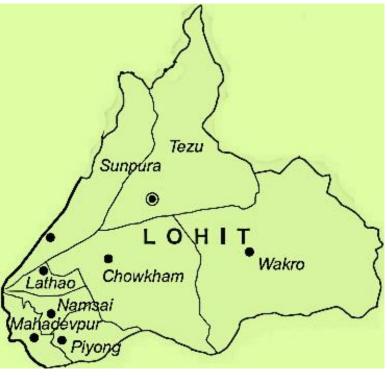


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Lohit

No: 98/2015-16/Tue

Dated: 6th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 9 th Dec., 2016
Rainfall = 0.0 mm (Tezu)	Generally clear/dry weather forecasted. Max Temp=18°C and Min
	Temp=8°C, RH=15-61%, Wind Speed=5-7 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Wetland Rice	Ripening/Har vesting	Gundhi bug	 Install local trap of dead frog/fermented fish etc against gundhi bug in rice.
Potato	vegetative		 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Weeding and application of fertilizer as per recommended
Pea	Seedling	Powdery mildew	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Provide irrigation to plants Complete sowing by 1st fortnight of Nov. for better yield Treat pea with rhizobium@2gm/kg seed before sowing or treat with carbendazim @ 2g/kg seed before sowing Spray Sulfex@2gm/lit water
Black Gram & Green Gram	Vegetative	Powdery mildew	 Life saving irrigation and mulching recommended Foliar spray of urea@2% for moisture stress Spray Sulfex@2gm/lit water
Mustard/rapes eed	Seedling stage	White Rust Alternaria blight Aphids	 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects Nutritional	 Life saving irrigation and mulching Drench newly sown vegetable seedling with Chlorpyriphos 20 EC@2ml/lit water (in evening time) against cut-worm. Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables Life saving irrigation and mulching recommended
lower	Vegetative	Deficiency	 Life saving irrigation and mulching recommended Spray micronutrients like Multiplex@0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc
	<u>'</u>	HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	 Collect and dispose rotten fruits Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange. Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water. Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.
Large Cardamom Banana	Vegetative Bunching		 Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth Cover bunches with banana bunch covers or sacks or
Dununu	Dunching	A	locally available materials to protect cold/frost. GROFORESTRY

Bamboo Toko Palm and other MPTs	Growing Growing		 Avoid cutting Edible shoots can be harvested Avoid injury Weeding, cleaning recommended Honey Bees Good season for trapping/catching of local honey bee colonies as this is the peak swarming season. 	
			 Harvesting could be done or highly populated colonies should be divided. 	
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		 Deworming and vaccination as per recommended schedule. Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. 	
Poultry	All stages		 Provide proper bedding materials (Straw, rice husk etc) Deworming at regular interval Provide warmth@ 2 watt/chick Close ventilation and openings in houses 	
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield 	
Cattle/Mithun Contact Scien	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel. Tor KVK staff for measures against adverse conditions or call	
Contact Scien	at 03795-226237/226247			

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